Küppersbusch

ALLERFEINSTE KÜCHENTECHNIK

User manual

Washing machine

W 1458.OW-CN

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Subject to change without notice

⚠ Safety information

Important! Read carefully & keep for future reference.

- The safety of Your appliance complies with the industry standards and with legal requirements on the safety of appliances. However, as manufacturers, we feel it is our duty to provide the following safety notes.
- It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant warnings.
- You MUST read them carefully before installing or using the appliance.
- Before first starting up, check the appliance for any damage incurred during transport. Never connect up a damaged appliance . If parts are damaged, contact your supplier.
- If the appliance is delivered in the winter months when there are minus temperatures. Store it at room temperature for 24 hours before using for the first time.

General safety

- It is dangerous to alter the specifications or attempt to modify this product in any way.
- During high temperature wash programmes the door glass may get hot. Do not touch it!
- Make sure that small pets and children do not climb into the drum. To avoid this, please check into the drum before using.
- Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into the machine.
- Only use the advised quantities of fabric softener and detergent. Damage to the fabric can ensue if you over-fill. Refer to the manufacturer's recommendations of quantities.
- Wash small items such as socks, laces, washable belts etc in a washing bag or pillow case as it is possible for such items to slip down between the tub and the inner drum.
- Do not use your washing machine to wash articles with whalebones, material without hems or torn material.
- Always unplug the appliance and turn off the water supply after use, cleaning and maintenance.
- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced people may cause injury or serious malfunctioning. Contact your local Service Centre. Always insist on genuine spare parts.

Installation

- This appliance is heavy. Care should be taken when moving it.
- When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.
- All packing and transit bolts must be removed before use. Serious damage can occur to the product and to property if this is not adhered to. See relevant section in the user manual.
- After having installed the appliance, check that it is not standing on the inlet

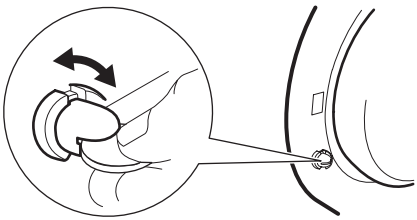
and drain hose and the worktop is not pressing the electrical supply cable against the wall.
- If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely under the appliance.
- Always be sure, that there is no water leakage from hoses and their connections after the installation.
- If the appliance is installed in a location subject to frost, please read the “dangers of freezing” chapter.
- Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

Use

- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash fabrics which are designed to be machine washed. Follow the instructions on each garment label.
- Do not overload the appliance. See the Washing Programme Table.
- Before washing, ensure that all pockets are empty and buttons and zips are fastened. Avoid washing frayed or torn articles and treat stains such as paint, ink, rust, and grass before washing. Underwired bras must NOT be machine washed.
- Garments which have been in contact with volatile petroleum products should not be machine washed. If volatile cleaning fluids are used, care should be taken to ensure that the fluid is removed from the garment before placing in the machine.
- Never pull the power supply cable to remove the plug from the socket; always take hold of the plug itself.
- Never use the appliance if the power supply cable, the control panel, the working surface or the base are damaged so that the inside of the washing machine is accessible.

Child safety

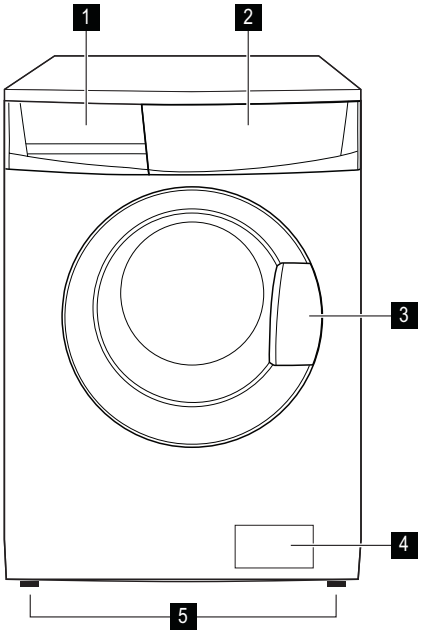
- This appliance is not intended for use by person (including children) with reduced physical sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The packaging components (e.g. plastic film, polystyrene) can be dangerous to children - danger of suffocation! Keep them out of children’s reach.
- Keep all detergents in a safe place out of children’s reach.
- Make sure that children or pets do not climb into the drum. To prevent children and pets becoming trapped inside the drum the machine incorporates a special feature. To activate this device, rotate the button (without pressing it) inside the door clockwise until the groove is horizontal. If necessary use a coin.



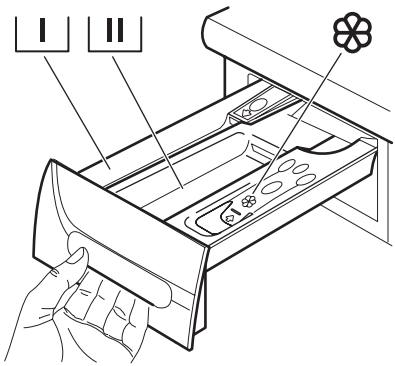
To disable this device and restore the possibility of closing the door, rotate the button counterclockwise until the groove is vertical.

Product description

1 Detergent dispenser drawer
2 Control panel
3 Door opening handle
4 Rating plate
5 Drain pump
6 Adjustable feet



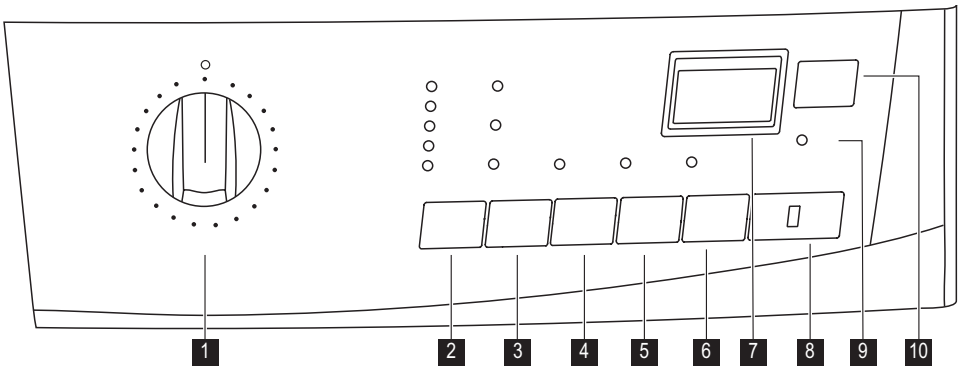
Detergent dispenser drawer



I Compartment for detergent used for prewash and soak phase or for stain remover used during the stain action phase (if available). The prewash and soak detergent is added at the beginning of the wash programme. The stain remover is added during the stain action phase.
II Compartment for powder or liquid detergent used for main wash. If using liquid detergent pour it **just before** starting the programme.
❀ Compartment for liquid additives (fabric softener, starch).
Follow the product manufacturer's recommendations on quantities to use and do not exceed the **«MAX»** mark in the detergent dispenser drawer. Any fabric softener or starching additives must be poured into the compartment before starting the wash programme.

Control panel

Below is a picture of the control panel. It shows the programme selector dial as well as the buttons, the display and the pilot lights. These are presented by relevant numbers on the following pages.



1 Programme selector dial
2 SPIN button
3 OPTION button
4 EXTRA RINSE button
5 NIGHT CYCLE button
6 EASY IRON button
7 Display
8 START/PAUSE button
9 DOOR pilot light
10 DELAY START button

	Cotton		Synthetics
E	Economy		Delicates
	Curtains		Hand-wash
	Wool		Cold
	Rinses		Drain
	Spin		Blanket
	OFF		Rinse Hold

	Options		Prewash
	Super Quick		Stain
	Extra Rinse		Night Cycle
	Easy Iron		Start Pause
	Door Lock		Delay Start

Programme selector dial, spin speed button and available options

Programme Selector Dial

It allows you to switch the appliance on/off and/or to select a programme.

Spin Reduction

By pressing this button you can change the spin speed of the selected programme.

Available options:

Rinse hold

By selecting this function the water of the last rinse is not emptied out to prevent the fabrics from creasing. Before opening the door it will be necessary to empty out the water. To empty out the water, please read the paragraph «At the end of the programme».

Prewash

By selecting this option the machine performs a prewash cycle before the main wash phase. The washing time will be prolonged. This option is recommended for heavily soiled laundry.

Super Quick

Short cycle for lightly soiled items or for laundry which needs only freshening up. We recommend you to reduce the fabrics loading.

Stain

Select this option to treat heavily soiled or stained laundry with stain remover (extended main wash with time optimised stain action phase). The relevant light will light up This option is not available with a temperature lower than 40°C.

If you wish to perform a programme with the stain option, pour stain remover into compartment .

Extra Rinse

This appliance is designed to save energy. If it necessary to rinse the laundry using an extra quantity of water (extra rinse), select this option. Some additional rinses will be performed. This option is recommended for people who are allergic to detergents, and in areas where the water is very soft.

Night Cycle

By selecting this function the machine will not drain the water of the last rinse and all spinning phases will be suppressed, so as not to wrinkle the laundry. This washing cycle is very quiet and it can be selected at night or in times with a more economical power rate. On some programmes the rinses will be performed with more water. Before opening the door it will be necessary to empty out the water. To empty out the water, please read the paragraph «At the end of the programme».

Easy Iron

By selecting this option the laundry is gently washed and spun to avoid any creasing. In this way ironing is easier. Furthermore the machine will perform some additional rinses in some programmes. On cotton programmes the maximum spin speed is reduced automatically.

Start Pause

This button allows you to start or to interrupt the selected programme.

Door locked pilot light

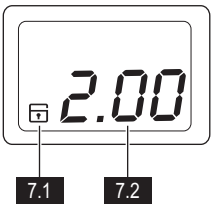
The pilot light **9** illuminates when the programme starts and indicates if the door can be opened:

- light on: the door cannot be opened. The machine in working or has stopped with water left in the tub.
- light off: the door can be opened. The programme is finished or the water has been emptied out.

Delay Start

The programme can be delayed from 30 min - 60 min - 90 min, 2 hours and then by 1 hour up to a maximum of 20 hours by means of this button.

Display



The display shows the following information:

7.1: Child safety lock

This device permits you to leave the appliance unattended during it's functioning.

7.2:

- **Duration of the selected programme**
  After selecting a programme, the duration is displayed in hours and minutes (for example 2.05). The duration is calculated automatically on the basis of the maximum recommended load for each type of fabric. After the programme has started, the time remaining is updated every minute.
- **Delayed start**
  The selected delay set by pressing the relevant button appears on the display for a few seconds, then the duration of the selected programme is displayed again.

The delay time value decreases by one unit every hour and then, when 1 hour remains, every minute.

- **Alarm codes**
  In the event of operating problems, some alarm codes can be displayed, for example E20 (see paragraph «What to do if...»).
- **Incorrect option selection**
  If an option which is not compatible with the set wash programme is selected, the message **Err** is displayed at the bottom of the display for a few seconds and the integrated red light of button **8** start flashing.
- **End of programme**
  When the programme has finished three flashing zeros are displayed, the pilot light **9** and the pilot light of button **8** go out and the door can be opened.

First use

- Ensure that the electrical and water connections comply with the installation instructions.
- Remove the polystyrene block and any material from the drum.
- Pour 2 litres of water into the main wash compartment II of the detergent drawer in order to activate the **ECO** valve. Then run a cotton cycle at the highest temperature without any laundry in the machine, to remove any manufacturing residue from the drum and tub. Pour 1/2 a measure of detergent into the main wash compartment and start the machine.

Personalization

Acoustic signals

The machine is provided with an acoustic device, which sounds in the following cases:

- at the end of the cycle
- in the event of operating problems.

By pressing the **4** and **5** buttons simultaneously for about 6 seconds, the acoustic signal is deactivated (except for the events of operating problems). By pressing these 2 buttons again, the acoustic signal is reactivated.

Child safety lock

This device permits you to leave the appliance unsupervised and not to worry that children might be injured by or cause damage to the appliance.
This function remains able also when the washing machine is not working.
There are two different ways to set this option:

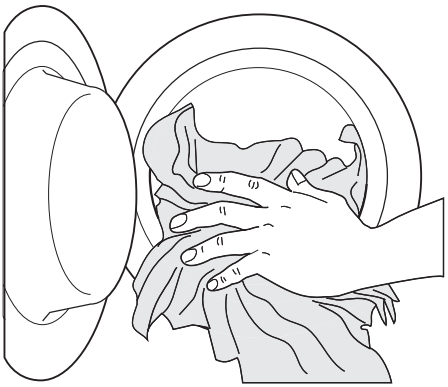
- Before pressing button **8**: it will be impossible to start the machine.
- after pressing button **8**: it will be impossible to change any other programme or option.

To enable or disable this option press simultaneously for about 6 seconds buttons **2** and **3** until the symbol **7.1** appears or disappears on or from the display.

Daily use

Load the laundry

1. Open the door by carefully pulling the door handle outwards. Place the laundry in the drum, one item at a time, shaking them out as much as possible.



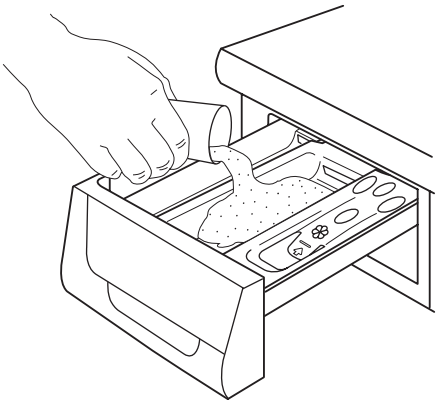
2. Close the door firmly. You must hear a click during closing.

⚠ **Warning!** Do not embed the laundry between the door and the rubber joint.

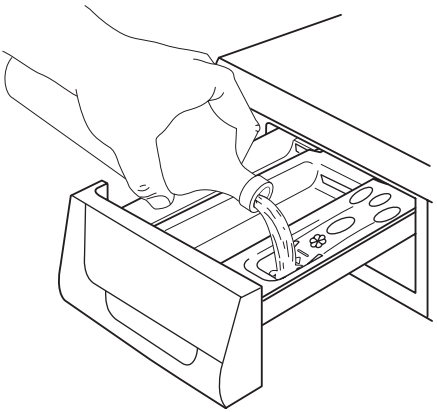
Measure out the detergent and the fabric softener

Your new appliance was designed to reduce water, energy and detergent consumption.

1. Pull out the dispenser drawer until it stops. Measure out the amount of detergent required, pour it into the main wash compartment and, if you wish to carry out the **prewash** phase or to perform the **stain** function, pour the detergent or the stain remover into the compartment marked .



2. If required, pour fabric softener into the compartment marked ❀ (the amount used must not exceed the **MAX** mark in the drawer). Close the drawer gently.



Select the required programme by means of programme selector dial (1)

You can choose the right programme for any type of laundry following the descriptions on the washing programme tables (see «Washing Programmes»).
Turn the programme selector dial to the required programme. The programme selector determines the type of washing cycle (e.g. water level, drum movement, number of rinses) and the washing temperature according to the type of laundry.
The pilot light of button **8** starts blinking.
The selector dial can be turned either clockwise or anticlockwise. Position ○ to Reset programme/ Switching OFF of the machine.
At the end of the programme the selector dial must be turned to position ○, to switch the machine off.

ⓘ If you turn the programme selector dial to another programme when the machine is working, the yellow pilot light of button **8** will blink 3 times and the message **Err** is displayed on the display to indicate a wrong selection. The machine will not perform the new selected programme.

Reduce the spin speed by pressing button 2

By selecting a programme, the appliance proposes automatically the maximum spin speed provided for that programme.

Press button **2** repeatedly to change the spin speed, if you want your laundry to be spun at a different speed. The relevant light illuminates.

Select the available option by pressing buttons 3, 4, 5 and 6

Depending on the selected programme, different functions can be combined before pressing the button **8**. By selecting an option the relevant pilot light illuminates.
If an incorrect option is selected, the integrated **red** pilot light of the button **8** flashes 3 times and the **Err** message appears on the display for few seconds.

For compatibility among the washing programmes and the options see chapter «Washing Programmes».

Select the Delay Start by pressing button 10

Before you start the programme, if you wish to delay the start, press the button **10** repeatedly, to select the desired delay. The relevant pilot light goes on.
The selected delay time value (up to 20 hours) will appear on the display a few seconds, then the duration of the programme will appear again.
You must select this option after you have set the programme and before you press button **8**.
You can cancel or modify the delay time at any moment, before you press button **8**.
Selecting the delayed start:

1. Select the programme and the required options.
2. Select the delay start by pressing the button **10**.
3. Press button **8**:
   – the machine starts its hourly countdown.
   – The programme will start after the selected delay has expired.

Cancelling the delayed start after having pressed button **8**:

1. Set the washing machine to PAUSE by pressing button **8**.
2. Press button **10** once until the symbol **0'** is displayed
3. Press button **8** again to start the programme.

Important! The selected delay can be changed only after selecting the washing programme again.
The Delay Start **can not** be selected with **DRAIN** programme.

Start the programme by pressing button 8

To start the selected programme, press the button **8**, the green pilot light of the button **8** stops blinking.
To interrupt a programme which is running, press the button **8**: the green pilot light starts blinking.
To restart the programme from the point at which it was interrupted, press the button **8 again**. If you have chosen a delayed start, the machine will begin the countdown. If an incorrect option is selected, the **red** pilot light of the button **8** blinks 3 times and the message **Err** is displayed for a few seconds.

Altering an option or a running programme

It is possible to change any option before the programme carries it out. Before you make any change, you must pause the washing machine by pressing the button **8**.
Changing a running programme is possible **only by resetting it**. Turn the programme selector dial to ○ and then to the new programme position. Start the new programme by pressing the **8** button again. The washing water in the tub will not emptied out.

Interrupting a programme

Press the button **8** to interrupt a programme which is running, the corresponding light starts blinking. Press the button again to restart the programme.

Cancelling a programme

Turn the selector dial to ○ to cancel a programme which is running. Now you can select a new programme.

Opening the door

After the programme has started (or during the delay time) the door is locked, if you need to open it, set first the machine to PAUSE by pressing the button **8**.
The pilot light **9** goes out immediately and it is possible to open the door.

If this pilot light remains lit, this means that the machine is already heating or that the water level is too high. In any case, do not try to force the door!
If you cannot open the door but you need to open it you have to switch the machine off by turning the selector dial to **O**. After a few minutes the door can be opened **(pay attention to the water level and temperature!)**.
After closing the door, it is necessary to select the programme and options again and to press button **8**.

At the end of the programme

The machine stops automatically. Three blinking **0.00** appear on the display and the pilot light of button **8** goes off. Some acoustic signals sound.
If a programme or an option that ends with water left in the tub has been selected, the door remains locked to indicate that the water must be emptied out before opening the door.
Before you empty out the water, the drum continues to run at regular intervals until the water draining.
Follow the below instructions to empty out the water:
1. Turn the programme selector dial to **O**.
2. Select the draining or spinning programme.
3. Reduce the spin speed if needed, by pressing the relevant button.
4. Press button **8**.

At the end of the programme, the door is released and can be opened. Turn the programme selector dial to **O** to switch the machine off.
Remove the laundry from the drum and carefully check that the drum is empty. If you do not intend to carry out another wash, close the water tap. Leave the door open to prevent the formation of mildew and unpleasant smells.

Stand by : once the programme has finished after a few minutes the energy saving system will be enabled. The brightness of the display is reduced. By pressing any button the appliance will come out of the energy saving status.

Washing programmes

Programme **Maximum and Minimum Temperature** **Cycle Description** **Maximum Spin Speed** **Maximum Fabrics Load** **Type of Laundry**	**Options**	**Detergent Compartment**
COTTON 95° Main wash - Rinses - Long spin Maximum spin speed 1400 rpm Max. load 6 kg - Reduced load 3 kg[1)] **For white cottons**, (heavily soiled cotton items).	SPIN REDUCTION RINSE HOLD PREWASH SUPER QUICK STAIN EXTRA RINSE NIGHT CYCLE EASY IRON	2)
COTTON 60° E 60° Main wash - Rinses - Long spin Maximum spin speed 1400 rpm Max. load 6 kg This programme can be selected for normally soiled cotton items. This allows to obtain a good washing efficiency by saving energy.	SPIN REDUCTION RINSE HOLD PREWASH STAIN EXTRA RINSE NIGHT CYCLE EASY IRON	2)

Programme Maximum and Minimum Temperature Cycle Description Maximum Spin Speed Maximum Fabrics Load Type of Laundry	Options	Detergent Compartment
COTTON 60° Main wash - Rinses - Long spin Maximum spin speed 1400 rpm Max. load 6 kg - Reduced load 3 kg[1)] **For white and fast coloured cottons**, (normally soiled cotton items).	SPIN REDUCTION RINSE HOLD PREWASH SUPER QUICK STAIN EXTRA RINSE NIGHT CYCLE EASY IRON	2)
COTTON 40° E 40° Main wash - Rinses - Long spin Maximum spin speed 1400 rpm Max. load 6 kg This programme can be selected for slightly soiled cotton items. This allows to obtain a good washing efficiency by saving energy.	SPIN REDUCTION RINSE HOLD PREWASH STAIN EXTRA RINSE NIGHT CYCLE EASY IRON	2)
COTTON 40°- 30° Main wash - Rinses - Long spin Maximum spin speed 1400 rpm Max. load 6 kg - Reduced load 3 kg[1)] **For coloured cottons**, (lightly soiled cotton items).	SPIN REDUCTION RINSE HOLD PREWASH SUPER QUICK STAIN[3)] EXTRA RINSE NIGHT CYCLE EASY IRON	2)
SYNTHETICS 60°- 30° Main wash - Rinses - Short spin Maximum spin speed 800 rpm Max. load 3 kg - Reduced load 1,5 kg[1)] **Synthetic or mixed fabrics:** underwear, coloured garments, non-shrink shirts, blouses.	SPIN REDUCTION RINSE HOLD PREWASH SUPER QUICK STAIN[3)] EXTRA RINSE NIGHT CYCLE EASY IRON	2)
SYNTHETICS 40°E 40° Main wash - Rinses - Short spin Maximum spin speed 800 rpm Max. load 3 kg	SPIN REDUCTION RINSE HOLD PREWASH STAIN EXTRA RINSE NIGHT CYCLE EASY IRON	2)
DELICATE 40° Main wash - Rinses - Short spin Maximum spin speed 500 rpm Max. load kg 3- Reduced load kg 1,5[1)] **Delicate fabrics:** acrylics, viscose, polyester.	RINSE HOLD PREWASH SUPER QUICK STAIN EXTRA RINSE NIGHT CYCLE	2)

Programme Maximum and Minimum Temperature Cycle Description Maximum Spin Speed Maximum Fabrics Load Type of Laundry	Options	Detergent Compartment
CURTAINS 30° Main wash - Rinses - Short spin Maximum spin speed 500 rpm Max. load kg 3 - Reduced load kg 1,5[1)] Delicate washing cycle for **curtains**.	RINSE HOLD PREWASH SUPER QUICK EXTRA RINSE NIGHT CYCLE	[2)]
WOOL / HANDWASH 40° - Cold Main wash - Rinses - Short spin Maximum spin speed 800 rpm Max. load kg 2 Washing programme for machine washable wool as well as for hand washable woollens and delicate fabrics. **Note**: A single or bulky item may cause imbalance. If the appliance doesn't perform the final spin phase, add more items, redistribute the load manually and then select the spinning programme.	SPIN REDUCTION RINSE HOLD NIGHT CYCLE	
RINSES Rinses - Long spin Maximum spin speed 1400 rpm Max. load 6 kg With this programme it is possible to rinse and spin items which have been washed by hand. The machine performs some rinses, followed by a final spin. The spin speed can be reduced by pressing the relevant button.	SPIN REDUCTION RINSE HOLD EXTRA RINSE NIGHT CYCLE EASY IRON	
DRAIN Draining of water Max. load 6 kg For emptying out the water of the last rinse in programmes with the Rinse Hold or Night Cycle option selected.		
SPIN Drain and long spin Maximum spin speed 1400 rpm Max. load 6 kg Separate spin for hand washed cotton garments and after programmes with the Rinse Hold or Night Cycle option selected. Before selecting this programme the selector dial must be turned to ○. You can choose the spin speed by pressing the relevant button to adapt it to the fabrics to be spun.	SPIN REDUCTION	
BLANKET 30° Main wash - Rinses - Short spin Maximum spin speed 500 rpm Max. load 2 kg Washing programme for a single synthetic blanket, bedspread.		

Programme Maximum and Minimum Temperature Cycle Description Maximum Spin Speed Maximum Fabrics Load Type of Laundry	Options	Detergent Compartment
30 min. / 30° 30° Main wash - Rinses - Short spin Maximum spin speed 500 rpm Max. load 3 kg Ideal for laundry which is lightly soiled or which only needs freshening up.		
/OFF For cancelling the programme which is running or to switch the machine off .		

*1) If you select the Super Quick option by pressing button **3**, we recommend that you reduce the maximum load as indicated. Full loading is possible however with somewhat reduced cleaning results.*
2) If using liquid detergents, a programme without PREWASH must be selected.
3) Stain option can be selected only at the temperature of 40°C or higher.

Helpful hints and tips

Sorting out the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions. Sort the laundry as follows: whites, coloureds, synthetics, delicates, woollens.

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their «whiteness» in the wash.
New coloured items may run in the first wash; they should therefore be washed separately the first time.
Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.
Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.
Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.
Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.
Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.
Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.
Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.
Mould stains: treat with bleach, rinse well (whites and fast coloureds only).
Grass: soap lightly and treat with bleach (whites and fast coloureds only).
Ball point pen and glue: moisten with acetone[1)], lay the garment on a soft cloth and dab the stain.
Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Treat any residual marks with bleach.
Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.

1) do not use acetone on artificial silk

Ink: depending on the type of ink, moisten the fabric first with acetone[1)], then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.
Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment.
Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.
The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.
All commonly available washing machine detergents may be used in this appliance:

- powder detergents for all types of fabric
- powder detergents for delicate fabrics (60°C max) and woollens
- liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.

If using liquid detergents, a programme **without** prewash must be selected.
Your appliance incorporates a recirculation system which allows an optimal use of the concentrated detergent.
Follow the product manufacturer's recommendations on quantities to use and do **not exceed the «MAX» mark in the detergent dispenser drawer**.

Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.
Follow the product manufacturers' instructions on quantities to use.
Use less detergent if:

- you are washing a small load
- the laundry is lightly soiled
- large amounts of foam form during washing.

Degrees of water hardness

Water hardness is classified in so-called "degrees" of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority. If the water hardness degree is medium or high we suggest you to add a water softener following always the manufacturer's instructions. When the degree of hardness is soft, readjust the quantity of the detergent.

Care and cleaning

⚠ **Warning!** You must disconnect the appliance from the electricity supply, before you can carry out any cleaning or maintenance work.

Descaling

The water we use normally contains lime. It is a good idea to periodically use a water softening powder in the machine. Do this separately from any laundry washing, and according to the softening powder manufacturer's instructions. This will help to prevent the formation of lime deposits.

After each wash

Leave the door open for a while. This helps to prevent mould and stagnant smells forming inside the appliance. Keeping the door open after a wash will also help to preserve the door seal.

Maintenance wash

With the use of low temperature washes it is possible to get a build up of residues inside the drum.
We recommend that a maintenance wash be performed on a regular basis.
To run a maintenance wash:

- The drum should be empty of laundry.
- Select the hottest cotton wash programme.
- Use a normal measure of detergent, must be a powder with biological properties.

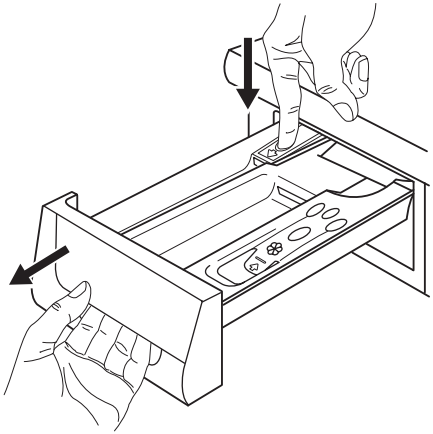
External cleaning

Clean the exterior cabinet of the appliance with soap and water only, and then dry thoroughly.

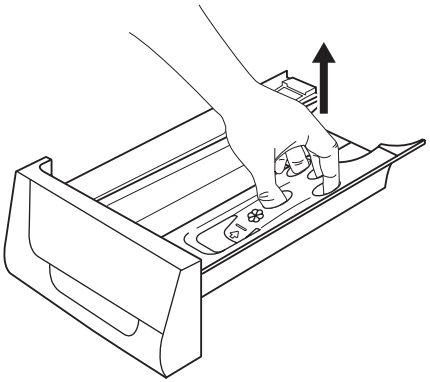
Important! Do not use methylated spirits, solvents or similar products to clean the cabinet.

Cleaning the dispenser drawer

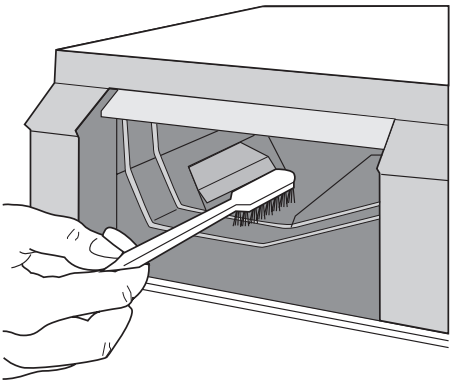
The detergent dispenser drawer should be cleaned regularly.
The washing powder and additive dispenser drawer should be cleaned regularly.
Remove the drawer by pressing the catch downwards and by pulling it out.



Flush it out under a tap, to remove any traces of accumulated powder.
To aid cleaning, the top part of the additive compartment should be removed. Clean all parts with water.



Clean the chamber of dispenser drawer with a brush.



Washing drum

Rust deposits in the drum may occur due to rusting foreign bodies in the washing or tap water containing iron.

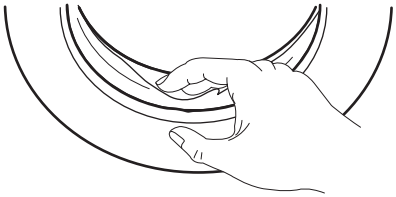
Important! Do not clean the drum with acidic descaling agents, scouring agents containing chlorine or iron or steel wool.

1. Remove any rust deposits on the drum with a cleaning agent for stainless steel.
2. Run a washing cycle without any washing to clean off any cleaning agent residues.

Programme: Short Cotton Programme at maximum temperature and add approx. 1/4 measuring cup of detergent.

Door seal

Check from time to time the door seal and eliminate eventual possible objects that could be trapped in the fold.



Drain pump

Regularly examine the drain pump and make sure that it is clean.
Clean the pump regularly and/or if:

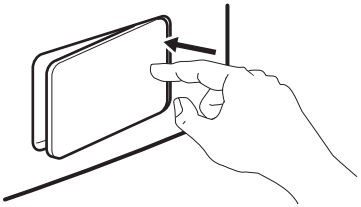
- The appliance does not drain the water.
- The drum cannot turn.
- The appliance makes an unusual noise because of the blockage of the drain pump.
- A problem with water draining is detected (see chapter “What to do if...” for more details).

⚠ **Warning!**

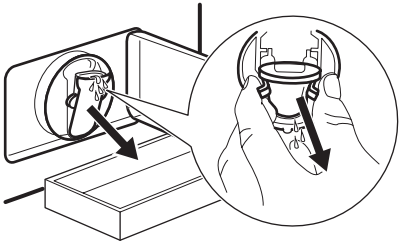
1. Disconnect the mains plug from the mains socket.
2. Do not remove the filter while the appliance operates. Do not clean the drain pump if the water in the appliance is hot. The water must be cold before you clean the drain pump.

To clean the drain pump:

1. Open the pump door.



2. Put a container below the recess of the drain pump to collect the water that flows out.
3. Press the two levers and pull forward the drainage duct to let the water flow out.



4. When the container is full of water, put the drainage duct back again and empty the container. Do steps 3 and 4 again and again until no more water flows out from the drain pump.
5. Pull back the drainage duct.
6. Unscrew the filter and remove it.
7. Remove fluff and objects from the pump.
8. Make sure that the impeller of the pump can turn. If this does not occur, contact the service centre.
9. Clean the filter under the water tap and put it back in the pump into the special guides.
10. Make sure that you tighten correctly the filter to prevent leakages.
11. Close the drain pump door.

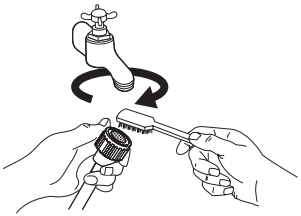
⚠ **Warning!**

Never remove the pump cover during a wash cycle, always wait until the appliance has finished the cycle, and is empty. When refitting the pump cover, ensure it is securely re-tightened so as to stop leaks and young children being able to remove it.

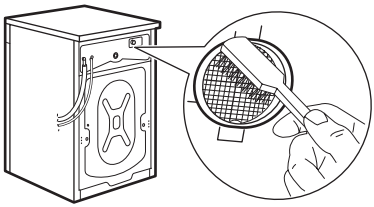
Cleaning the water inlet filters

If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.

1. Turn off the water tap.
2. Unscrew the water inlet hose.
3. Clean the filter in the hose using a hard bristle brush.



4. Screw the hose back onto the tap.
5. Unscrew the hose from the machine. Keep a rug nearby because some water may flow.
6. Clean the filter in the valve with a stiff brush or with the piece of cloth.



7. Screw the hose back to the machine and make sure the connection is tight.
8. Turn on the water tap.

Emergency emptying out

If the appliance cannot drain the water, proceed as follows to empty out the machine:
1. pull out the plug from the power socket;
2. close the water tap;
3. if necessary, wait until the water has cooled down;
4. open the pump door;
5. place a container on the floor below the recess of the drain pump;
6. press the two levers and pull forward the drainage duct to let the water flow out;
7. when the container is full of water, put the drainage duct back again and empty the container;
   repeat this operation until water stops flowing out;
8. if necessary clean the pump (refer to the section ‘Drain pump’);
9. close the drain pump door.

When you drain the water with the emergency drain procedure, you must activate again the drain system:
1. Put 2 litres of water in the main wash compartment of the detergent dispenser.
2. Start the programme to drain the water.

Frost precautions

If the machine is installed in a place where the temperature could drop below 0°C, remove the remaining water from the inlet hose and the drain pump.
1. disconnect the mains plug from the mains socket.
2. close the water tap
3. unscrew the water inlet hose from the tap;
4. put the two ends of the inlet hose in a container and let the water flow out of the hose.
5. empty the drain pump as described in the ‘Emergency drain’ section.
6. when the drain pump is empty, install the water inlet hose again.

⚠ **Warning!**

Make sure that the temperature is more than 0 °C before you use the appliance again.
The manufacturer is not responsible for damages caused by low temperatures.

What to do if…

Certain problems are due to lack of simple maintenance or oversights, which can be solved easily without calling out an engineer. Before contacting your local Service Centre, please carry out the checks listed below.
During machine operation it is possible that the **yellow** pilot light of button **8** blinks, one

of the following alarm codes appears on the display and at the same time some acoustic signals sound every 20 seconds to indicate that the machine is not working:

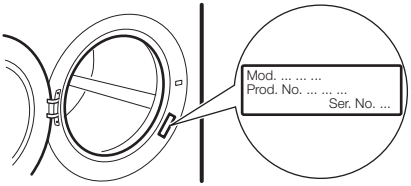
- E10 : problem with the water supply
- E20 : problem with the water draining
- E40 : door open

Once the problem has been eliminated, press the button **8** to restart the programme. If after all checks, the problem persists, contact your local Service Centre.

Problem	Possible cause/Solution
The machine does not start:	The door has not been closed. **E40** • Close the door firmly. The plug is not properly inserted in the power socket. • Insert the plug into the power socket. There is no power at the socket. • Please check your domestic electrical installation. The main fuse has blown. • Replace the fuse. The selector dial is not correctly positioned and the button **8** has not been pressed. • Please turn the selector dial and press the button **8** again. The delay start has been selected. • If the laundry are to be washed immediately, cancel the delay start. The Child Safety Lock has been activated. • Deactivate the Child Safety Lock.
The machine does not fill:	The water tap is closed. **E10** • Open the water tap. The inlet hose is squashed or kinked. **E10** • Check the inlet hose connection. The filter in the inlet hose or the inlet valve filter are blocked. . **E10** • Clean the water inlet filters. (See "Cleaning the water inlet filters" for more details) . The door is not properly closed. **E40** • Close the door firmly.
The machine does not empty and/or does not spin:	The drain hose is squashed or kinked. **E20** • Check the drain hose connection. The drain filter is clogged. **E20** • Clean the drain filter. An option or a programme that ends with the water still in the tub or a that eliminates all the spinning phases has been selected. • Select the draining or spinning programme. The laundry is not evenly distributed in the drum. • Redistribute the laundry.
There is water on the floor:	Too much detergent or unsuitable detergent (creates too much foam) has been used. • Reduce the detergent quantity or use another one. Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. • Check the water inlet hose connection. The drain or inlet hose is damaged. • Change it with a new one. The cap on the emergency emptying hose has not been replaced or the filter has not been properly screwed in after cleaning action. • Refit the cap on the emergency emptying hose or screw the filter fully in.

Problem	Possible cause/Solution
Unsatisfactory washing results:	Too little detergent or unsuitable detergent has been used. • Increase the detergent quantity or use another one. Stubborn stains have not been treated prior to washing. • Use commercial products to treat the stubborn stains. The correct temperature was not selected. • Check if you have selected the correct temperature. Excessive laundry load. • Reduce the laundry load.
The door will not open:	The programme is still running. • Wait the end of washing cycle. The door lock has not been released. • Wait until the pilot light **9** goes off. There is water in the drum. • Select drain or spin programme to empty out the water.
The machine vibrates is noisy:	The transit bolts and packing have not been removed. • Check the correct installation of the appliance. The support feet have not been adjusted • Check the correct levelling of the appliance. The laundry is not evenly distributed in the drum. • Redistribute the laundry. Maybe there is very little laundry in the drum. • Load more laundry.
Spinning starts late or the machine does not spin:	The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume. If, after 10 minutes, the laundry is still not evenly distributed in the drum, the machine will not spin. In this case,redistribute the load manually and select the spin programme. • Redistribute the laundry. The load is too small. • Add more items, redistribute the load manually and then select the spinning programme.
The machine does not dry or does not dry properly::	The drying time has not been selected. • Select the drying time. The water tap is not turned on. (E10) • Open the water tap. The drain filter is clogged. (E20) • Clean the drain filter. The machine is overloaded. • Reduce the laundry load. The selected drying time was not suitable for the laundry. • Select the suitable drying time for the laundry.
The machine makes an unusual noise:	The machine is fitted with a type of motor which makes an unusual noise compared with other traditional motors. This new motor ensures a softer start and more even distribution of the laundry in the drum when spinning, as well as increased stability of the machine.
No water is visible in the drum:	Machines based on modern technology operate very economically using very little water without affecting performance.

If you are unable to identify or solve the problem, contact our service centre. Before telephoning, make a note of the model, serial number and purchase date of your machine: the Service Centre will require this information.



Technical data

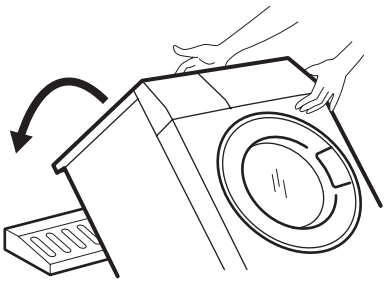
Dimensions	Width Height Depth	60 cm 85 cm 58 cm
Electrical connection Voltage - Overall power - Fuse	Information on the electrical connection is given on the rating plate, on the inner edge of the appliance door.	
Water supply pressure	Minimum Maximum	0,05 MPa 0,8 MPa
Maximum Load	Cotton	6 kg
Spin Speed	Maximum	1400 rpm

Installation

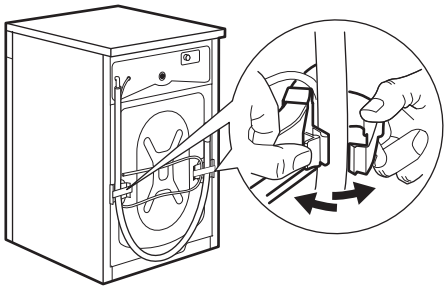
Unpacking

All transit bolts and packing must be removed before using the appliance.
You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

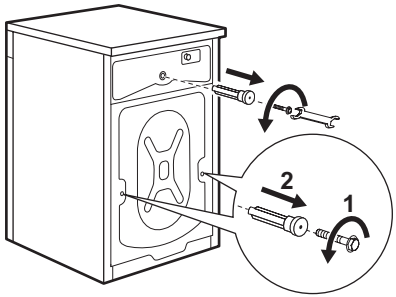
1. After removing all the packaging, carefully lay machine on it's back to remove the polystyrene base from the bottom.



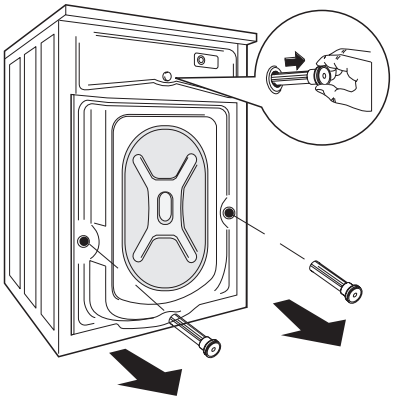
2. Remove the power supply cable and the draining and inlet hose from the hose holders on the rear of the appliance.



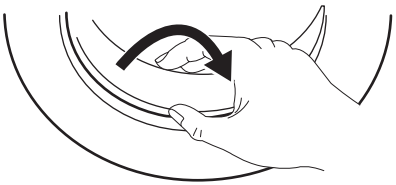
3. Unscrew the three bolts.



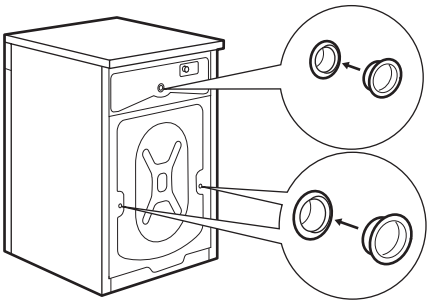
4. Slide out the relevant plastic spacers.



5. Open the porthole and remove the polystyrene block fitted on the door seal.



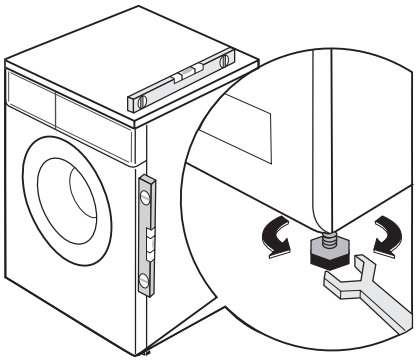
6. Fill the smaller upper hole and the two large ones with the corresponding plastic plug caps supplied in the bag containing the instruction booklet.



Positioning

Install the machine on a flat hard floor. Make sure that air circulation around the machine is not impeded by carpets, rugs etc. Check that the machine does not touch the wall or other kitchen units. Level the washing machine by raising or lowering the feet. The feet may be tight to adjust as they incorporate a self locking nut, but the machine **MUST** be level and stable. If necessary, check the setting with a spirit level. Any necessary adjustment can be made with a spanner. Accurate levelling prevents vibration, noise and displacement of the machine during operation.

⚠ **Caution!** Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.



Rubber feet kit (4055126249)

Available from your authorized dealer.
The rubber feet are particularly recommended on floating, slippery and wooden floors. Mount the rubber feet to prevent vibration, noises and displacement of the appliance during operation.
Read carefully the instructions supplied with the kit.

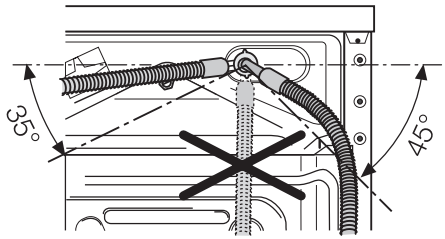
Water inlet

⚠ **Warning! This appliance must be connected to a cold water supply.**

1. Connect the water inlet hose supplied with the machine to a tap with a 3/4" thread. Always use the hose supplied with the appliance.

Important! Do not use the hose from your previous machine to connect to the water supply.

2. The other end of the inlet hose which connects to the machine can be turned as showed in the picture.
   Do not place the inlet hose downwards. Angle the hose to the left or right depending on the position of your water tap.



3. Set the hose correctly by loosening the ring nut. After positioning the inlet hose, be sure to tighten the ring nut again to prevent leaks.

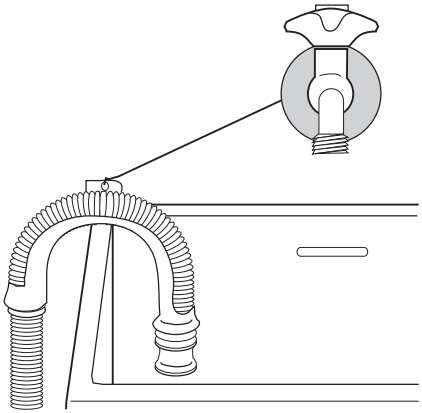
The inlet hose must not be lengthened. If it is too short and you do not wish to move the tap, you will have to purchase a new, longer hose specially designed for this type of use.

Important! Before connecting up the machine to new pipework or to pipework that has not been used for some time, run off a reasonable amount of water to flush out any debris that may have collected in the pipes.

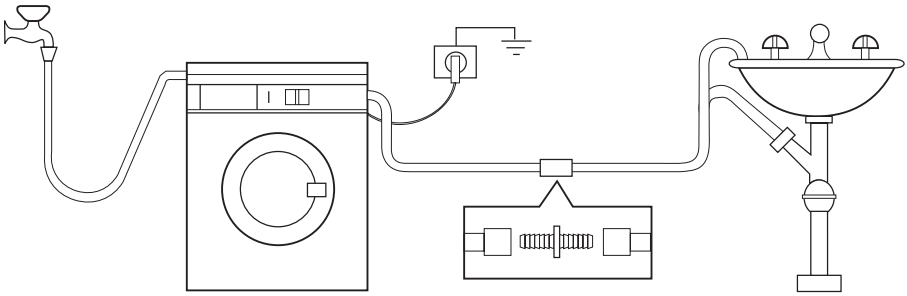
Water drainage

The end of the drain hose can be positioned in three ways.

- **Hooked over the edge of a sink** using the plastic hose guide supplied with the machine. In this case, make sure the end cannot come unhooked when the machine is emptying. This could be done by tying it to the tap with a piece of string or attaching it to the wall.



- **In a sink drain pipe branch.** This branch must be above the trap so that the bend is at least 60 cm above the ground.
- **Directly into a drain pipe** at a height of not less than 60 cm and not more than 90 cm. The end of the drain hose must always be ventilated, i.e. the inside diameter of the drain pipe must be larger than the outside diameter of the drain hose. The drain hose must not be kinked.



The drain hose may be extended to a maximum of 4 metres. An additional drain hose and joining piece is available from your local Service Centre.

Electrical connection

Information on the electrical connection is given on the rating plate on the inner edge of the appliance door.
Check that your domestic electrical installation can take the maximum load required, also taking into account any other appliances in use.

⚠ **Connect the machine to an earthed socket.**

⚠ **The manufacturer does not accept any responsibility for damage or injury through failure to comply with the above safety precaution.**

⚠ **The power supply cable must be easily accessible after installing the machine.**

⚠ **Should the appliance power supply cable need to be replaced, this must be carried out by a Service Centre.**

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